

12/22/99
JC545 U.S. PTO

Please type a plus sign (+) inside this box → ☐

PTO/SB/05 (4/98)
Approved for use through 09/30/2000. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL <small>(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))</small>	Attorney Docket No.	P-1583
	First Inventor or Application Identifier	Martinez-Tovar
	Title	Titanium Semiconductor Bridge Igniter
	Express Mail Label No.	EM504667867IIS

APPLICATION ELEMENTS <small>See MPEP chapter 600 concerning utility patent application contents.</small>	ADDRESS TO: Assistant Commissioner for Patents Box Patent Application Washington, DC 20231
1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <small>(Submit an original and a duplicate for fee processing)</small>	5. <input type="checkbox"/> Microfiche Computer Program (Appendix)
2. <input checked="" type="checkbox"/> Specification [Total Pages 12] <small>(preferred arrangement set forth below)</small> <ul style="list-style-type: none">- Descriptive title of the Invention- Cross References to Related Applications- Statement Regarding Fed sponsored R & D- Reference to Microfiche Appendix- Background of the Invention- Brief Summary of the Invention- Brief Description of the Drawings (if filed)- Detailed Description- Claim(s)- Abstract of the Disclosure	6. Nucleotide and/or Amino Acid Sequence Submission <small>(if applicable, all necessary)</small> <ul style="list-style-type: none">a. <input type="checkbox"/> Computer Readable Copyb. <input type="checkbox"/> Paper Copy (identical to computer copy)c. <input type="checkbox"/> Statement verifying identity of above copies
3. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 2]	ACCOMPANYING APPLICATION PARTS <ul style="list-style-type: none">7. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))8. <input type="checkbox"/> 37 C.F.R. § 3.73(b) Statement <input type="checkbox"/> Power of Attorney <small>(when there is an assignee)</small>9. <input type="checkbox"/> English Translation Document (if applicable)10. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations11. <input type="checkbox"/> Preliminary Amendment12. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <small>(Should be specifically itemized)</small>13. <input type="checkbox"/> * Small Entity Statement filed in prior application, Status still proper and desired <small>(PTO/SB/09-12)</small>14. <input type="checkbox"/> Certified Copy of Priority Document(s) <small>(if foreign priority is claimed)</small>15. <input type="checkbox"/> Other:
4. Oath or Declaration [Total Pages <input]<ul="" type="checkbox"/> a. <input type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 C.F.R. § 1.63(d)) <small>(for continuation/divisional with Box 16 completed)</small><ul style="list-style-type: none">i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).	
* NOTE FOR ITEMS 1 & 13: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).	

16. If a **CONTINUING APPLICATION**, check appropriate box, and supply the requisite information below and in a preliminary amendment:
☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: _____
Prior application information: Examiner _____ Group / Art Unit: _____
For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS					
<input checked="" type="checkbox"/> Customer Number or Bar Code Label 20978 <small>(Insert Customer No. or Attach bar code label here)</small>			or <input checked="" type="checkbox"/> Correspondence address below		
Name	Libert & Associates				
Address	3 Mill Pond Lane / Powder Forest Business Park P.O. Box 538				
City	Simsbury	State	Connecticut	Zip Code	06070-0538
Country	United States	Telephone	(860) 651-9321	Fax	(860) 651-5735

Name (Print/Type)	Craig W. Barber	Registration No. (Attorney/Agent)	39,102
Signature	<i>Craig W Barber</i>	Date	12/22/99

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

12-23-9
JC598 U.S. PTO
09/470343
12/22/99

FEE TRANSMITTAL for FY 1999 <i>Patent fees are subject to annual revision.</i> <i>Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB 09-12.</i>	<i>Complete If Known</i>		
	Application Number		
	Filing Date		
	First Named Inventor	Bernardo Martinez-Tovar	
	Examiner Name		
	Group / Art Unit		
TOTAL AMOUNT OF PAYMENT	(S) 1,308.00	Attorney Docket No.	P-1583

METHOD OF PAYMENT (check one)		FEE CALCULATION (continued)																																																																																																																																																																																
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to: Deposit Account Number: 12-1302 Deposit Account Name: L.O. Victor E. Libert <input type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17		3. ADDITIONAL FEES																																																																																																																																																																																
2. <input checked="" type="checkbox"/> Payment Enclosed: <input checked="" type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other		<table border="1"><thead><tr><th>Large Entity Fee Code</th><th>Small Entity Fee Code</th><th>Fee Description</th><th>Fee Paid</th></tr></thead><tbody><tr><td>105</td><td>100</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr><tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr><tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td></td></tr><tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for reexamination</td><td></td></tr><tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr><tr><td>113</td><td>1,340*</td><td>113</td><td>1,340*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr><tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for reply within first month</td><td></td></tr><tr><td>116</td><td>380</td><td>216</td><td>150</td><td>Extension for reply within second month</td><td></td></tr><tr><td>117</td><td>870</td><td>217</td><td>405</td><td>Extension for reply within third month</td><td></td></tr><tr><td>118</td><td>1,360</td><td>218</td><td>680</td><td>Extension for reply within fourth month</td><td></td></tr><tr><td>128</td><td>1,350</td><td>228</td><td>925</td><td>Extension for reply within fifth month</td><td></td></tr><tr><td>119</td><td>300</td><td>219</td><td>150</td><td>Notice of Appeal</td><td></td></tr><tr><td>120</td><td>300</td><td>220</td><td>150</td><td>Filing a brief in support of an appeal</td><td></td></tr><tr><td>121</td><td>250</td><td>221</td><td>130</td><td>Request for oral hearing</td><td></td></tr><tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr><tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive - unavoidable</td><td></td></tr><tr><td>141</td><td>1,210</td><td>241</td><td>605</td><td>Petition to revive - unintentional</td><td></td></tr><tr><td>142</td><td>1,210</td><td>242</td><td>605</td><td>Utility issue fee (or reissue)</td><td></td></tr><tr><td>143</td><td>430</td><td>243</td><td>215</td><td>Design issue fee</td><td></td></tr><tr><td>144</td><td>580</td><td>244</td><td>290</td><td>Plant issue fee</td><td></td></tr><tr><td>122</td><td>100</td><td>122</td><td>100</td><td>Petitions to the Commissioner</td><td></td></tr><tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Petitions related to provisional applications</td><td></td></tr><tr><td>125</td><td>240</td><td>125</td><td>240</td><td>Submission of Information Disclosure Stmt</td><td></td></tr><tr><td>531</td><td>40</td><td>531</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr><tr><td>146</td><td>760</td><td>246</td><td>380</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr><tr><td>149</td><td>760</td><td>249</td><td>380</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr><tr><td colspan="2"></td><td colspan="2">Other fee (specify): _____</td><td></td></tr><tr><td colspan="2"></td><td colspan="2">Other fee (specify): _____</td><td></td></tr><tr><td colspan="2"></td><td colspan="2">SUBTOTAL (3)</td><td>(S) -0-</td></tr></tbody></table>		Large Entity Fee Code	Small Entity Fee Code	Fee Description	Fee Paid	105	100	205	65	Surcharge - late filing fee or oath		127	50	227	25	Surcharge - late provisional filing fee or cover sheet		139	130	139	130	Non-English specification		147	2,520	147	2,520	For filing a request for reexamination		112	920*	112	920*	Requesting publication of SIR prior to Examiner action		113	1,340*	113	1,340*	Requesting publication of SIR after Examiner action		115	110	215	55	Extension for reply within first month		116	380	216	150	Extension for reply within second month		117	870	217	405	Extension for reply within third month		118	1,360	218	680	Extension for reply within fourth month		128	1,350	228	925	Extension for reply within fifth month		119	300	219	150	Notice of Appeal		120	300	220	150	Filing a brief in support of an appeal		121	250	221	130	Request for oral hearing		138	1,510	138	1,510	Petition to institute a public use proceeding		140	110	240	55	Petition to revive - unavoidable		141	1,210	241	605	Petition to revive - unintentional		142	1,210	242	605	Utility issue fee (or reissue)		143	430	243	215	Design issue fee		144	580	244	290	Plant issue fee		122	100	122	100	Petitions to the Commissioner		123	50	123	50	Petitions related to provisional applications		125	240	125	240	Submission of Information Disclosure Stmt		531	40	531	40	Recording each patent assignment per property (times number of properties)		146	760	246	380	Filing a submission after final rejection (37 CFR 1.129(a))		149	760	249	380	For each additional invention to be examined (37 CFR 1.129(b))				Other fee (specify): _____					Other fee (specify): _____					SUBTOTAL (3)		(S) -0-
Large Entity Fee Code	Small Entity Fee Code	Fee Description	Fee Paid																																																																																																																																																																															
105	100	205	65	Surcharge - late filing fee or oath																																																																																																																																																																														
127	50	227	25	Surcharge - late provisional filing fee or cover sheet																																																																																																																																																																														
139	130	139	130	Non-English specification																																																																																																																																																																														
147	2,520	147	2,520	For filing a request for reexamination																																																																																																																																																																														
112	920*	112	920*	Requesting publication of SIR prior to Examiner action																																																																																																																																																																														
113	1,340*	113	1,340*	Requesting publication of SIR after Examiner action																																																																																																																																																																														
115	110	215	55	Extension for reply within first month																																																																																																																																																																														
116	380	216	150	Extension for reply within second month																																																																																																																																																																														
117	870	217	405	Extension for reply within third month																																																																																																																																																																														
118	1,360	218	680	Extension for reply within fourth month																																																																																																																																																																														
128	1,350	228	925	Extension for reply within fifth month																																																																																																																																																																														
119	300	219	150	Notice of Appeal																																																																																																																																																																														
120	300	220	150	Filing a brief in support of an appeal																																																																																																																																																																														
121	250	221	130	Request for oral hearing																																																																																																																																																																														
138	1,510	138	1,510	Petition to institute a public use proceeding																																																																																																																																																																														
140	110	240	55	Petition to revive - unavoidable																																																																																																																																																																														
141	1,210	241	605	Petition to revive - unintentional																																																																																																																																																																														
142	1,210	242	605	Utility issue fee (or reissue)																																																																																																																																																																														
143	430	243	215	Design issue fee																																																																																																																																																																														
144	580	244	290	Plant issue fee																																																																																																																																																																														
122	100	122	100	Petitions to the Commissioner																																																																																																																																																																														
123	50	123	50	Petitions related to provisional applications																																																																																																																																																																														
125	240	125	240	Submission of Information Disclosure Stmt																																																																																																																																																																														
531	40	531	40	Recording each patent assignment per property (times number of properties)																																																																																																																																																																														
146	760	246	380	Filing a submission after final rejection (37 CFR 1.129(a))																																																																																																																																																																														
149	760	249	380	For each additional invention to be examined (37 CFR 1.129(b))																																																																																																																																																																														
		Other fee (specify): _____																																																																																																																																																																																
		Other fee (specify): _____																																																																																																																																																																																
		SUBTOTAL (3)		(S) -0-																																																																																																																																																																														
1. BASIC FILING FEE Large Entity Fee Code (S) Fee Description Fee Paid 101 760 201 380 Utility filing fee 760.00 106 310 206 155 Design filing fee 107 480 207 240 Plant filing fee 108 760 208 380 Reissue filing fee 114 150 214 75 Provisional filing fee SUBTOTAL (1) (S) 760.00																																																																																																																																																																																		
2. EXTRA CLAIM FEES Total Claims 36 -20** = 16 X 18 = 288.00 Independent Claims 1 -3** = 0 X = 0 Multiple Dependent 260 = 260.00 **For number previously paid, if greater. For Reissues, see below Large Entity Fee Code (S) Fee Description Fee Paid 103 18 203 9 Claims in excess of 20 102 73 202 39 Independent claims in excess of 3 104 260 204 130 Multiple dependent claim, if not paid 109 73 209 39 ** Reissue independent claims over original patent 110 18 210 9 ** Reissue claims in excess of 20 and over original patent SUBTOTAL (2) (S) 548.00																																																																																																																																																																																		

SUBMITTED BY		Complete If Applicable:	
Typed or Printed Name	Craig W. Barber	Reg. Number	39,102
Signature	Craig W Barber	Date	12/22/99
		Deposit Account User ID	

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor: Bernardo Martinez-Tovar

Attorney Docket: P-1583

Title: TITANIUM SEMICONDUCTOR BRIDGE IGNITER

Box Patent Application

Assistant Commissioner For Patents

Washington, D.C. 20231

EXPRESS MAIL CERTIFICATE

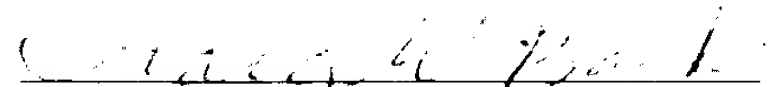
"Express Mail" label number: EM504667867US

Date of Deposit: December 22, 1999

I hereby state that the following attached paper or fee:

1. Utility Patent Application Transmittal For Patent Cover Sheet;
2. United States Patent Application;
3. Fee Transmittal;
4. Return Receipt Postcard; and
5. Check No. 12676 in the amount of \$1,308.00

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10, on the date indicated above and is addressed to Box Patent Application, Assistant Commissioner For Patents, Washington, D.C. 20231.


Craig W. Bayber